Beal Early Childhood Center
Grades K - 1
1 Maple Avenue
Shrewsbury, MA 01545
508-841-8860

Calvin Coolidge School
Grades 1 - 4
1 Florence Street
Shrewsbury, MA 01545
508-841-8880

Floral Street School
Grades 1 - 4
57 Floral Street
Shrewsbury, MA 01545
508-841-8720

Spring Street School
Grades 1 - 4
123 Spring Street
Shrewsbury, MA 01545
508-841-8700

Walter J. Paton School
Grades 1 - 4
58 Grafton Street
Shrewsbury, MA 01545
508-841-8626

SHREWSBURY PUBLIC SCHOOLS

FOURTH GRADE
CURRICULUM HIGHLIGHTS

A Guide to Student Learning
This guide highlights a few of the concepts and skills students will learn throughout the year. A more detailed version is available at each school or on the SPS website.

Mission Statement:
The Shrewsbury Public Schools, in partnership with the community, will provide students with the skills and knowledge for the 21st century, an appreciation of our democratic tradition and the desire to continue to learn throughout life.

English Language Arts

Students will:
- Carry out assigned roles in self-run small-group discussions
- Give oral presentations about experiences or interests using proper eye contact, pace, volume, and clear pronunciation
- Identify common prefixes, word roots, idioms, and figurative phrases
- Use a dictionary or thesaurus appropriately
- Recognize subject-predicate and four basic parts of speech (adjective, noun, verb, adverb)
- Identify correct mechanics (punctuation, capitalization), usage, and sentence structure
- Read aloud grade-appropriate text with comprehension and expression
- Identify foreshadowing, sensory details, setting, character, and plot and support them with evidence from the text
- Use correct spelling of high-frequency words
- Form questions about a text and locate facts that answer the reader's questions
- Distinguish cause from effect and fact from fiction
- Identify main ideas and supporting details in a text
- Relate themes in works of fiction and non-fiction to personal experience
- Identify differences between poetry, prose, non-fiction, fiction, and drama
- Identify themes as lessons in folktales, fables, and Greek myths for children
- Identify personality traits of characters and thoughts, words, and actions that reveal their personalities
- Identify and use paragraphs, glossary, captions, table of contents, charts, and maps
- Identify a poem's rhyme, rhythm, repetition, sensory images, similes, stanza, verse, and meaning
- Identify natural events explained in origin myths and understand significant character in Greek, Roman, and Norse mythology
- Rehearse and perform stories, plays, and poems for an audience using eye contact, volume, and clear speech

Social Studies

Students will:
- Determine longitude and latitude
- Define climate, major physical features and major natural resources in the regions of the United States
- Describe contributions to American culture by Native Americans, African Americans, European, Spanish and Asian immigrant groups.
- Give examples of the major rights of immigrants
- Identify major monuments and historical sites in Washington, D.C.
- Give examples of limited and unlimited resources and explain how scarcity compels people and communities to make choices
- Define climate, major physical features, and major natural resources of Canada
- Describe the major ethnic and religious groups in Canada
- Define climate, major physical features, and major natural resources of Mexico
- Describe the major ethnic and religious groups in Mexico

Science and Technology

Students will understand:

- The properties of rocks and minerals
- How rocks and minerals are formed
- How the surface of the earth changes
- The needs of plants and animals for survival
- That plants and animals interact with and adapt to their environment
- How electricity travels
- How electricity and magnetism are related
- Why magnets attract and repel each other
- How simple machines can make work easier
- The difference between simple and complex machines

Mathematics

Trimester One
- Use appropriate operations (addition, subtraction, multiplication & division) to solve problems.
- Know multiplication facts through 12 x 12 and related division facts.
- Exhibit an understanding of place value to at least 100,000.
- Find common multiples and common factors for sets of numbers.
- Select, use, and explain the commutative, associative and identity properties.
- Students will understand ordered pairs of numbers and/or letters.
- Match representations of data (lists, graphs, tables) with the actual set of data.

Trimester Two
- Add and subtract (up to five-digit numbers) and multiply (up to three-digits by two-digits) accurately and efficiently.
- Demonstrate in the classroom an understanding of and the ability to use the conventional algorithms for addition and subtraction (up to five-digit numbers) and multiplication (up to three-digits by two-digits).
- Demonstrate in the classroom an understanding of and the ability to use the conventional algorithms for division of up to a three-digit whole number with a single digit divisor.
- Create, describe, extend, and explain symbolic (geometric) and numeric patterns.
- Identify angles as acute, right, or obtuse
- Describe and draw intersecting, parallel, and perpendicular.
- Identify time to the minute on analog and digital clocks using a.m. and p.m. Compute elapsed time using a clock and using a calendar.
- Estimate and find area and perimeter.

Trimester Three
- Represent, order, and compare large numbers to at least 100,000.
- Understand common fractions and improper fractions.
- Find equivalent fractions, mixed numbers and decimals.
- Represent the possible outcomes for a simple probability situation